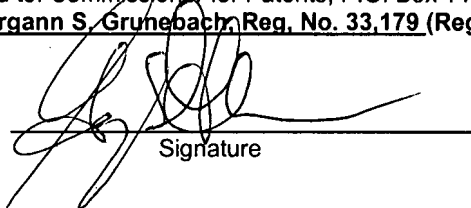




STW

Certification of Facsimile Transmission UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage First Class Mail, and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 27, 2007 (Date of Deposit) by Georgann S. Grunebach, Reg. No. 33,179 (Registered Representative)

  
Signature

June 27, 2007  
Date of Signature

Customer No. 020991

PATENT  
PD-201079

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Louis H. King, et al.	:	Date: June 27, 2007
Serial No.: 09/978,469	:	Group Art Unit: 2189
Filed: October 17, 2001	:	
For: METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR EFFICIENT STORAGE OF DATA	:	Examiner: Behzad Peikari
	:	Confirmation No. 5113

LETTER REQUESTING ACCEPTANCE OF POWER OF ATTORNEY –  
CHANGE OF CORRESPONDENCE ADDRESS AND UPDATED DOCKET NUMBER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant is in receipt of a Notice Regarding Power of Attorney, dated April 16, 2007, in which it states The Power of Attorney requested by applicant on March 20, 2007, was not accepted for the following reason(s): "The Power of Attorney is from an assignee and the Certificate required by 37 CFR 3.73(b) has not been received."

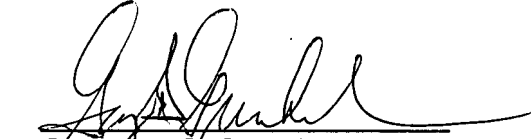
Applicant respectfully requests that the Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence address, PTO/SB/82, Statement under 37 CFR 3.73(b), PTO/SB/96, and, Assignment of Patent Application Serial No. 09/978,469, be reconsidered as properly submitted. Applicant believes that the Certificate required by 37 CFR 3.73(b), is the recordation Reel and Frame of the Assignment simultaneously filed, which was not available to Applicant until three days after the March 20, 2007 submission.

A copy of the Recorded Assignment is hereby enclosed, along with a Chain of Title to further support this request, and satisfy the requirements of the documents submitted.

It is further respectfully requested that Applicant's docket number be changed to PD-201079.

If additional information is required, the Office is requested to call the undersigned attorney at the below-listed number.

Respectfully submitted,



Georgann S. Grunebach  
Registration No. 33,179

Enc.: Copy of Successful Facsimile Transmission to the PTO on 3-20-07 of:  
Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address  
Statement Under 37 CFR 3.73(b)  
Assignment of Patent Application  
Copy of Successful Facsimile Transmission to Assignment Recordation Services on 3-20-07 of:  
Assignment Recordation Cover Sheet  
Assignment of Patent Application  
Copy of Recorded Assignment Reel/Frame 019056/0347 dated March 23, 2007  
New Statement Under 37 CFR 3.73(b) with attached Chain of title dated June 27, 2007  
Copy of Notice Regarding Power of Attorney dated 4/16/2007

The DIRECTV Group, Inc.  
CA / LA1 / A109  
P.O. Box 956  
2230 E. Imperial Highway  
El Segundo, CA 90245-0956

Phone: (310) 964-4615

## Auto-Reply Facsimile Transmission



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Fax Information

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Cover  
Page

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03/20/2007 15:08 FAX 3109640941		P B L LEGAL	001/004
<b>FAX COVER SHEET</b>			
<b>PLEASE CONFIRM RECEIPT OF THIS FACSIMILE</b>			
Attention:	MAIL STOP AMENDMENT Group Art Unit 2189 Examiner: KO, Daniel Bokmin	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 272-8194
Pages:	Cover + 1 + 1 + 1 = 4	Date:	March 20, 2007
From:	Georgann S. Grunebach Assistant General Counsel	Fax:	(310) 964-0941
		Phone:	(310) 964-4615
<small>The information contained in this facsimile is confidential and may also contain privileged attorney-client information or work product. The information is intended only for the use of the individual or entity to which it is addressed. If you are not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication is strictly prohibited. If you have received the facsimile in error, please immediately notify us by telephone, and return the original message to us at the address below via the U.S. Postal Service. Thank you.</small>			
<b>CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8</b>			
<small>I hereby certify that this correspondence identified below is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number), addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on <u>March 20, 2007</u>.</small>			
<small>Telephone No. (310) 964-4615</small>		<small>Georgann S. Grunebach, Reg. No. 33,179</small>	<small>March 20, 2007 (Date of Signature)</small>
<small>Printed Name of Person Signing Certificate</small>			
Attention: Commissioner for Patents		Attorney Docket No. PD-201079	
Please find attached Re:			
Serial No.:	09/978,469	Filing Date:	10/17/2001
<ul style="list-style-type: none"><li>▶ REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS PTO/SB/82 (1 page)</li><li>▶ STATEMENT UNDER 37 CFR 3.73(b) PTO/SB/96 (1 page)</li><li>▶ ASSIGNMENT OF PATENT APPLICATION (1 page)</li></ul>			
<small>If you do not receive all pages, or pages are not clear, please call Karen Lunn at (310) 964-0735.</small>			
<small>The DirecTV Group, Inc., CAA/A1/A103, P. O. Box 966, El Segundo CA 90245</small>			
<small>PAGE 1/4 * RCVD AT 3/20/2007 6:06:34 PM [Eastern Daylight Time] * SVR:USPTO-EFXXF-315 * DNS:2738300 * CSID:3109640941 * DURATION (mm-ss):01:54</small>			

# FAX COVER SHEET

**PLEASE CONFIRM RECEIPT OF THIS FACSIMILE**



Attention:	MAIL STOP AMENDMENT Group Art Unit: 2189 Examiner: KO, Daniel Bokmin	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 272-8194
Pages:	Cover + 1 + 1 + 1 = 4	Date:	March 20, 2007
From:	Georgann S. Grunebach Assistant General Counsel	Fax:	(310) 964-0941
		Phone:	(310) 964-4615

The information contained in this facsimile is confidential and may also contain privileged attorney-client information or work product. The information is intended only for the use of the individual or entity to which it is addressed. If you are not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication is strictly prohibited. If you have received the facsimile in error, please immediately notify us by telephone, and return the original message to us at the address below via the U.S. Postal Service. Thank you.

## **CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that this correspondence identified below is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number), addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 20, 2007.

  
Georgann S. Grunebach, Reg. No. 33,179  
Telephone No. (310) 964-4615 (Printed Name of Person Signing Certificate)

March 20, 2007  
(Date of Signature)

**Attention: Commissioner for Patents**

**Attorney Docket No. PD-201079**

Please find attached Re:

Serial No.: 09/978,469

Filing Date: 10/17/2001

- REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS PTO/SB/82 (1 page)
- STATEMENT UNDER 37 CFR 3.73(b) PTO/SB/96 (1 page)
- ASSIGNMENT OF PATENT APPLICATION (1 page)

If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

The DirecTV Group, Inc., CA/LA1/A109, P. O. Box 956, El Segundo CA 90245

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**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	09/978,469
Filing Date	October 17, 2001
First Named Inventor	Lou King
Art Unit	2189
Examiner Name	PEIKARI, Behzad
Attorney Docket Number	PD-201079

**I hereby revoke all previous powers of attorney given in the above-identified application.**

☐ A Power of Attorney is submitted herewith.

**OR**

☒ I hereby appoint the practitioners associated with the Customer Number: 020991

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with  
Customer Number:

020991

**OR**

☐ Firm or  
Individual Name

Address

City

State

Zip

Country

Telephone

Email

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Signature

*Karen L. Lum*

Name

Karen L. Lum

Date

March 20, 2007

Telephone

310-964-0735

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of one forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: The DIRECTV Group, Inc.Application No./Patent No.: 09/978,469 Filed/Issue Date: October 17, 2001Entitled: Method, System and Computer Program Product for Efficient Storage of DataThe DIRECTV Group, Inc., a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

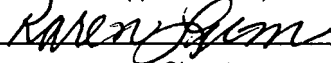
1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

March 20, 2007

Date

Karen L. Lum

Printed or Typed Name

310-964-0735

Telephone Number

Assistant Secretary

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## ASSIGNMENT OF PATENT APPLICATION

WHEREAS, HUGHES NETWORK SYSTEMS, LLC, a Delaware limited liability company having a place of business at 11717 Exploration Lane, Germantown, Maryland, 20876 ("Assignor"), is the owner of U.S. Patent Application Serial No. 09/978,469, filed October 17, 2001 (the "Application").

WHEREAS, Assignor desires to assign all right, title and interest in and to the Application, to The DIRECTV Group, Inc., a Delaware corporation having a place of business at 2230 East Imperial Highway, El Segundo, California, 90245 ("Assignee"); and

NOW THEREFORE, for good and valuable consideration paid by Assignee, the receipt and sufficiency of which is hereby acknowledged Assignor, Assignor hereby assigns, transfers and conveys to the Assignee all of Assignor's right, title and interest in and to the Application, subject to certain exceptions and other terms in associated contractual documents between Assignor and Assignee.

IN WITNESS WHEREOF, the undersigned has caused this instrument to be signed as of this 20<sup>th</sup> day of March, 2007.

HUGHES NETWORK SYSTEMS, LLC

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

On behalf of HUGHES NETWORK SYSTEMS, LLC



**Craig Plastrik**  
**Senior Counsel**

**Intellectual Property**

STATE OF Maryland )

)

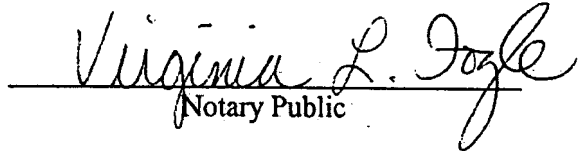
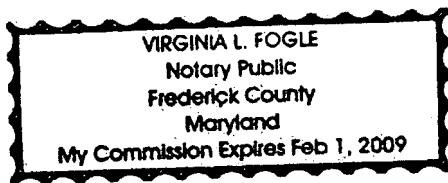
SS:

COUNTY OF Frederick )

)

On this 20<sup>th</sup> day of March, 2007, before me personally appeared Craig Plastrik, to me personally known, who, being duly sworn, did say that he is the Senior Counsel of Assignor and that he duly executed the foregoing instrument for and on behalf of Assignor being duly authorized to do so and that said individual acknowledged said instrument to be the free act and deed of Assignor.

WITNESS my hand and official seal.

  
Notary Public

\*\*\*\*\*  
 \*\*\* TX REPORT \*\*\*  
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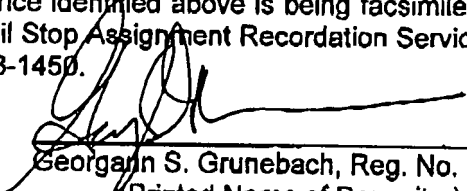


Attention:	MAIL STOP ASSIGNMENT RECORDATION SERVICES UNITED STATES PATENT AND TRADEMARK OFFICE	Facsimile No.	571-273-0140
Pages:	Cover + 1 + 1 = 3	Date:	March 20, 2007
From:	Georgann S. Grunebach Reg. No. 33,179	Facsimile No.	310-964-0941
		Telephone No.	310-964-4615

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## CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that the correspondence identified above is being facsimile transmitted to (571) 273-0140 on March 20, 2007, addressed to Mail Stop Assignment Recordation Services, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
 Georgann S. Grunebach, Reg. No. 33,179  
 (Printed Name of Depositor)

March 20, 2007  
 (Date of Signature)

Attention: Commissioner for Patents, Mail Stop Assignment Recordation Services

Please find attached Re:

Attorney Docket No. PD-201079

Serial No.: 09/978,469

Filing Date: October 17, 2001



# FAX COVER SHEET

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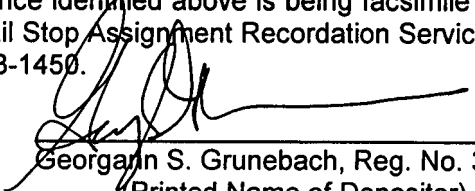


Attention:	MAIL STOP ASSIGNMENT RECORDATION SERVICES  UNITED STATES PATENT AND TRADEMARK OFFICE	Facsimile No.	571-273-0140
Pages:	Cover + 1 + 1 = 3	Date:	March 20, 2007
From:	Georgann S. Grunebach Reg. No. 33,179	Facsimile No.	310-964-0941
		Telephone No.	310-964-4615

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## CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8

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Georgann S. Grunebach, Reg. No. 33,179  
(Printed Name of Depositor)

March 20, 2007  
(Date of Signature)

**Attention: Commissioner for Patents, Mail Stop Assignment Recordation Services**

Please find attached Re:

Attorney Docket No. PD-201079

Serial No.: 09/978,469

Filing Date: October 17, 2001

- ASSIGNMENT RECORDATION FORM COVER SHEET (1 page)
- ASSIGNMENT (1 page)

If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

The DIRECTV Group, Inc., CA/LA1/A109, P.O. Box 956, El Segundo, CA 90245-0956

## ASSIGNMENT OF PATENT APPLICATION

WHEREAS, HUGHES NETWORK SYSTEMS, LLC, a Delaware limited liability company having a place of business at 11717 Exploration Lane, Germantown, Maryland, 20876 ("Assignor"), is the owner of U.S. Patent Application Serial No. 09/978,469, filed October 17, 2001 (the "Application").

WHEREAS, Assignor desires to assign all right, title and interest in and to the Application, to The DIRECTV Group, Inc., a Delaware corporation having a place of business at 2230 East Imperial Highway, El Segundo, California, 90245 ("Assignee"); and

NOW THEREFORE, for good and valuable consideration paid by Assignee, the receipt and sufficiency of which is hereby acknowledged Assignor, Assignor hereby assigns, transfers and conveys to the Assignee all of Assignor's right, title and interest in and to the Application, subject to certain exceptions and other terms in associated contractual documents between Assignor and Assignee.

IN WITNESS WHEREOF, the undersigned has caused this instrument to be signed as of this 20<sup>th</sup> day of March, 2007.

HUGHES NETWORK SYSTEMS, LLC

By: 

Name: Craig Plastrik  
Senior Counsel


Title: Intellectual Property

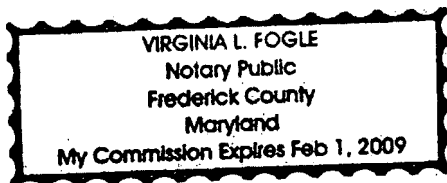
On behalf of HUGHES NETWORK SYSTEMS, LLC

STATE OF Maryland )  
 ) SS:  
COUNTY OF Frederick )

On this 20<sup>th</sup> day of March, 2007, before me personally appeared Craig Plastrik, to me personally known, who, being duly sworn, did say that he is the Senior Counsel of Assignor and that he duly executed the foregoing instrument for and on behalf of Assignor being duly authorized to do so and that said individual acknowledged said instrument to be the free act and deed of Assignor.

WITNESS my hand and official seal.

  
Notary Public



O:THE DIRECTV GROUP, INC. CC ANY:CA/LA1/A109, P.O. BOX 6



## UNITED STATES PATENT AND TRADEMARK OFFICE

### Facsimile Transmission

To:                      Name:                      THE DIRECTV GROUP, INC.  
                            Company:                      CA/LA1/A109, P.O. BOX 956  
                            Fax Number:                      13109640941  
                            Voice Phone:

From:                      Name:                      ASSIGNMENT SERVICES BRANCH  
                            Voice Phone:                      571-272-3350

37 C.F.R. 1.6 sets forth the types of correspondence that can be communicated to the Patent and Trademark Office via facsimile transmissions. Applicants are advised to use the certificate of facsimile transmission procedures when submitting a reply to a non-final or final Office action by facsimile (37 CFR 1.8(a)).

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PD-201079

**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 23, 2007

PTAS - LW

**\*700316512A\***

\*700316512A\*

THE DIRECTV GROUP, INC.  
CA/LA1/A109, P.O. BOX 956  
2230 E. IMPERIAL HIGHWAY  
EL SEGUNDO, CALIFORNIA 90245

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/20/2007

REEL/FRAME: 019056/0347  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

HUGHES NETWORK SYSTEMS, LLC

DOC DATE: 03/20/2007

## ASSIGNEE:

DIRECTV GROUP, INC., THE  
2230 E. IMPERIAL HIGHWAY  
EL SEGUNDO, CALIFORNIA 90245

SERIAL NUMBER: 09978469

FILING DATE: 10/17/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR EFFICIENT STORAGE  
OF DATA

O:THE DIRECTV GROUP, INC. CC ANY:CA/LA1/A109, P.O. BOX 6

019056/0347 PAGE 2

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION



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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: The DIRECTV Group, Inc.Application No./Patent No.: 09/978,469 Filed/Issue Date: OCTOBER 17, 2001Entitled: METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCTION FOR EFFICIENT STORAGE OF DATAThe DIRECTV Group, Inc., a CORPORATION  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

**SEE ATTACHED**

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

- ☒ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
\_\_\_\_\_  
SignatureJUNE 27, 2007

Date

KAREN L. LUM

Printed or Typed Name

310-964-0735

Telephone Number

ASSISTANT SECRETARY

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

A chain of Title from the Inventor(s), of the patent application/patent identified as 09/978,469 – Continued from Previous Page

**1. From: Lou King; Michael Ficco; John May; Jorge Guzman; Gao Yong To: Hughes Electronics Corporation**

The document was recorded in the United States Patent and Trademark Office at

**Reel 012277, Frame 0198**, or for which a copy thereof is attached.

**2. From: Hughes Electronics Corporation To: The DIRECTV Group, Inc.**

The document was recorded in the United States Patent and Trademark Office at

**Reel 016427, Frame 0731**, or for which a copy thereof is attached.

**3. From: The DIRECTV Group, Inc. To: HUGHES NETWORK SYSTEMS, LLC**

The document was recorded in the United States Patent and Trademark Office at

**Reel 016323, Frame 0867**, or for which a copy thereof is attached.

**4. From: HUGHES NETWORK SYSTEMS, LLC To: JP MORGAN CHASE BANK, N.A., As Administrative Agent**

The document was recorded in the United States Patent and Trademark Office at

**Reel 016345, Frame 0368**, or for which a copy thereof is attached.

**5. From: HUGHES NETWORK SYSTEMS, LLC To: JP MORGAN CHASE BANK, N.A., As Administrative Agent**

The document was recorded in the United States Patent and Trademark Office at

**Reel 016345, Frame 0401**, or for which a copy thereof is attached.

**6. From: JP MORGAN CHASE BANK, N.A. To: HUGHES NETWORK SYSTEMS, LLC**

The document was recorded in the United States Patent and Trademark Office at

**Reel 018184, Frame 0170**, or for which a copy thereof is attached.

**7. From: JP MORGAN CHASE BANK, N.A. To: BEAR STEARNS CORPORATE LENDING, INC.**

The document was recorded in the United States Patent and Trademark Office at

**Reel 018184, Frame 0196**, or for which a copy thereof is attached.

**8. From: BEAR STEARNS CORPORATE LENDING, INC. To: HUGHES NETWORK SYSTEMS, LLC**

The document was recorded in the United States Patent and Trademark Office at

**Reel 018223 Frame 0796**, or for which a copy thereof is attached.

**9. From: HUGHES NETWORK SYSTEMS, LLC To: THE DIRECTV GROUP, INC.**

The document was recorded in the United States Patent and Trademark Office at

**Reel 019056, Frame 0347**, or for which a copy thereof is attached.



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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
09/978,469	10/17/2001	Lou King	<del>115426-942</del> <b>PD-201079</b>

CONFIRMATION NO. 5113

29158  
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 P.O. BOX 1135  
 CHICAGO, IL 60690



Date Mailed: 04/16/2007

### NOTICE REGARDING POWER OF ATTORNEY

This is in response to the Power of Attorney filed 03/20/2007 . The Power of Attorney in this application is not accepted for the reason(s) listed below:

- The Power of Attorney is from an assignee and the Certificate required by 37 CFR 3.73(b) has not been received.

*MB*  
 Office of Initial Patent Examination (571) 272-4000, or 1-800-PTO-9199  
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